

ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year January 1983  
to Month/Year February 1984

(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
4241 State Office Building  
Salt Lake City, Utah 84114

OPERATOR: Anaconda Minerals Company MINE NAME: Carr Fork Operations

ADDRESS: R.F.D. 1, Box 79  
Tooele, Utah 84074

PERMIT NUMBER AND DATE OF PERMIT: Act / 045/004 August 20, 1980

REPRESENTATIVE: John D. Harmon, General Mine Superintendent  
13, 24, 23, 3S 4 W

SECTION(S): 17, 18, 19, 20, 21, 28 TOWNSHIP(S): 3S RANGE(S): 3 W

MINERAL(S) MINED: Copper

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: \_\_\_\_\_

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: \_\_\_\_\_

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.



Disturbance

Acreage

Pit	Underground Mine (N/A)
Roads	20
Facilities	512
Waste Dumps	
Other	

(b) Tabulation of acreage affected to date (by years).

Date by Year

Acreage (Total)

1975	
1976	
1977	
1978	
1979	
1980	532
1981	532
1982	532
1983	532

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

Area Affected (in mining sequence) (If more space is needed, please attach.)	Area			
	1	2	3	etc.
	N/A			
<hr/>				
Acreage of Area	<hr/>			
Depth of Topsoil Removal (inches)	<hr/>			
Depth of Topsoil Replacement (inches)*	<hr/>			
Estimate of Topsoil Volume Salvaged (yd <sup>3</sup> or ac ft)	<hr/>			
Volume Actually Salvaged (yd <sup>3</sup> or ac ft)	<hr/>			
Volume Required for Reclamation (yd <sup>3</sup> or ac ft)	<hr/>			
Surplus or Deficit Volume (yd <sup>3</sup> or ac ft)	<hr/>			
Storage Status (short- or long-term)	<hr/>			



Soil Tabulation Chart (continued)

Area Affected (in mining sequence)	Area			
	I	2	3	etc.
		N/A		
Storage Location				
Area Where Soil Has Been Used (if not stored)				
Running Total (all stockpiles) (yd <sup>3</sup> or ac ft)				
Short-term				
Long-term				

\*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
N/A		

(e) Tabulation of quantity of commodity mined.

	<u>Commodity</u>	<u>Tonnage</u>
(Mined)	N/A	
(Milled)	N/A	

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

1. Buildings and support facilities.  
N/A

2. Roads.  
N/A



3. Diversion ditches, collector ditches, interceptor ditches, etc.  
Repair and cleanout following flooding in May and June of 1983.

4. Culverts.

Repair and cleanout following flooding in May and June of 1983.

5. Sediment ponds, containment ponds.

Replacement sediment pond constructed on previously disturbed lands.

This pond was constructed under a permit from the Utah Water Pollution Control Committee.

6. Monitoring sites (vegetative, air quality, surface subsidence, surface water or ground water, etc.).

N/A

7. Topsoil stockpiles.

N/A

(g) Description of any environmental problem areas with a proposed plan for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.

N/A

2. Subsidence.

None Apparent



3. Accidental water discharge, dam failure, etc.  
None

4. Slumping, sliding or erosion.

Major mudslide occurred from Baltimore gulch area on June 2, 1983  
requiring cleanup of several hundred tons of mud and gravel from  
parking lot area at mine office.

5. Revegetation problem areas.

Refer to Annual Progress Report - 1983 Experimental Revegetation  
Program for Carr Fork Mine - Submitted January 1984

6. Existence and location of unsuitable (toxic) overburden.  
N/A

RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with  
illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

Area

Acreage

N/A

2. Topsoiled areas.

Area

Acreage

None



3. Seeded areas.

	<u>Area</u>	<u>Acreage</u>
None		

4. Reseeded areas (areas previously seeded, then seeded again).

	<u>Area</u>	<u>Acreage</u>
None		

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

<u>Year</u>	<u>Acreage</u>
1975	
1976	
1977	
1978	
1979	
1980	
1981	
1982	
1983	
1984	

(c) Description of the reclamation procedures used during the report period, including:

1. Average depth of topsoil applied.  
N/A


2. Type of seed (species) used for seeding during the report period.  
N/A




3. Date of seeding during the report period.

Spring N/A

Fall N/A

4. Seeding procedures used.

(Hand broadcast or drilled or any other).

N/A

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)

N/A

6. Type and rate of fertilizer applied.

N/A

7. Type and rate of mulch applied.

N/A

8. Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).

N/A

9. Revegetation test plot information.

(Cover, density, productivity, etc.)

Refer to Annaul Progress Report - 1983 Experimental Revegetation  
Program for Carr Fork Mine - Submitted January 1984



10. Soil analysis results.

Refer to Annual Progress Report - 1983 Experimental Revegetation  
Program for Carr Fork Mine - Submitted January 1984.

(d) Description of results of previous revegetation efforts, including:  
(This should be done as applicable.) Refer to Annual Progress Report

1. Types (species) of seed that have germinated and are growing.

2. Types (species) of seed that are not growing successfully.

3. Areas experiencing problems with weeds and weed types.

4. Significant erosional problems.

5. Areas of unsuitable overburden on the surface as related to  
revegetation failure.

6. Procedures used or proposed to correct these problems.



7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>

8. Results of soil analysis.


(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

	<u>Acres</u>	<u>Cost/Acre</u>
1. Grading	N/A	
2. Backfilling	N/A	
3. Contouring	N/A	
4. Topsoil Replacement	N/A	
5. Seeding	N/A	
A. Seedbed Preparation	N/A	
B. Mulch	N/A	
C. Fertilizer	N/A	
D. Seed	N/A	
6. Other		

BOND INFORMATION:

- A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

	<u>Amount</u>	<u>Type</u>	<u>Date Posted</u>
Present Bond	None (Refer to 8/20/80 contract)		



Increased disturbance, if any:

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Increased Bond Amount (attached reclamation estimate).

B. Bond release.

<u>Acres</u>	<u>Bond Amount Released</u>	<u>Date</u>
N/A		

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).
- (b) Other special conditions (status).



## APPENDIX I

### ANNUAL REPORT MAPS

1. Maps must be clear and legible contour maps or recent aerial photos. The scale should be 1 inch = 500 feet to adequately show topographic features.
2. Map sheets should be of a reasonable size, not to exceed 48 inches on a side.
3. Maps must have a title block with:
  - A. Map title.
  - B. Name and address of permittee.
  - C. Permit and amendment numbers.
  - D. Annual report period.
  - E. Scale, north arrow, contour interval, date of photography, etc.
4. All maps must show:
  - A. Legal subdivisions.
  - B. Permit area boundary clearly shown and labelled.
  - C. Amendment areas clearly shown and labelled.
  - D. Contour features.
5. The following features should all be clearly identified:
  - A. Topsoil stockpiles (numbered and with volumes).
  - B. Settling ponds and sediment control structures.
  - C. Haul roads.
  - D. Pits identified by location, name, number, etc.
  - E. Ramps (numbered).
  - F. Out-of-pit spoil dumps.
  - G. All waste disposal sites including, but not limited to:
    1. Landfill sites.
    2. Carbonaceous waste dumps.
  - H. Diversion ditches.
  - I. Monitoring sites.
6. All areas to be affected by mining and reclamation in the coming year should be outlined and labelled.



ANACONDA Minerals Company  
Carr Fork Operations  
R.F.D. #1, Box 79  
Tooele, Utah 84074  
Telephone 801 882 1431

March 5, 1984

RECEIVED  
MAR 7 1984

DIVISION OF  
OIL, GAS & MINING

JIM  
MAR 07 1984

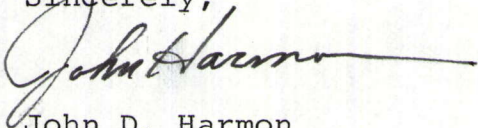
James W. Smith, Jr.  
Coordinator of Mined Land Development  
Utah Department of Natural Resources  
Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Dear Mr. Smith:

Enclosed you will find a completed copy of the Annual Operations and Progress Report (Form MT-3). The form was somewhat non-applicable to the current Carr Fork Operations because mining activities have been curtailed. No new surface disturbance or reclamation occurred during 1983 and none is anticipated for 1984. Because of the lack of activity in 1983, the mine maps do not require any updating and, therefore, were not revised.

In accordance with State of Utah, Oil and Gas Conservation Act, Regulations 40-8-15, -16, and -21, this will serve to inform you that the curtailment of mining activities will continue at Carr Fork for an undetermined period.

Sincerely,



John D. Harmon  
General Mine Superintendent

JDH/ns